

Abstract—The purpose of this study was to determine if there were differences in the prevalence of musculoskeletal disorders between two groups of female nurses working in different departments of a tertiary care hospital. The prevalence of musculoskeletal disorders was determined by means of a self-administered questionnaire among 100 female nurses who worked in the intensive care unit (ICU) and 100 female nurses who worked in the medical-surgical department. The prevalence of musculoskeletal disorders was significantly higher in the ICU group than in the medical-surgical group ($p < .001$). The prevalence of musculoskeletal disorders was also significantly higher in the ICU group than in the medical-surgical group for each of the following variables: age, years of experience, type of shift, duration of workday, frequency of lifting or carrying heavy objects, frequency of bending or twisting, frequency of reaching overhead, frequency of repetitive motions, frequency of forceful exertions, frequency of awkward postures, frequency of contact with sharp or pointed objects, frequency of contact with hot or cold surfaces, frequency of contact with vibrating surfaces, frequency of contact with moving parts, frequency of contact with electrical equipment, frequency of contact with hazardous materials, frequency of contact with infectious agents, frequency of contact with radioactive materials, frequency of contact with toxic substances, frequency of contact with flammable liquids, frequency of contact with corrosive substances, frequency of contact with irritants, frequency of contact with sensitizers, frequency of contact with allergens, frequency of contact with carcinogens, frequency of contact with mutagens, frequency of contact with teratogens, frequency of contact with reproductive toxins, frequency of contact with developmental toxins, frequency of contact with neurotoxins, frequency of contact with immunosuppressants, frequency of contact with cytotoxic drugs, frequency of contact with antineoplastic drugs, frequency of contact with chemotherapeutic agents, frequency of contact with biological products, frequency of contact with vaccines, frequency of contact with blood products, frequency of contact with tissues, frequency of contact with organs, frequency of contact with bones, frequency of contact with muscles, frequency of contact with nerves, frequency of contact with skin, frequency of contact with hair, frequency of contact with nails, frequency of contact with teeth, frequency of contact with eyes, frequency of contact with ears, frequency of contact with nose, frequency of contact with mouth, frequency of contact with throat, frequency of contact with lungs, frequency of contact with stomach, frequency of contact with intestines, frequency of contact with bladder, frequency of contact with uterus, frequency of contact with vagina, frequency of contact with penis, frequency of contact with testis, frequency of contact with prostate, frequency of contact with thyroid, frequency of contact with pancreas, frequency of contact with liver, frequency of contact with spleen, frequency of contact with gallbladder, frequency of contact with kidneys, frequency of contact with adrenal glands, frequency of contact with ovaries, frequency of contact with testes, frequency of contact with pituitary gland, frequency of contact with hypothalamus, frequency of contact with pineal gland, frequency of contact with thymus gland, frequency of contact with parathyroid glands, frequency of contact with thyroid gland, frequency of contact with parathyroid glands, frequency of contact with thyroid gland, frequency of contact with parathyroid glands.

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